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IDEA-0259-72

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31 August 1972

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report 28-29 August 1972

1. Location and Purpose of Visit:

The undersigned visited the David Clark Company on 28 and 29 August 1972 with [redacted] selectees for the purpose of taking S1010 PPA full-pressure suit measurements.

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2. Results of Visit:

A. Suit Measurement

Both pilots were measured for full-pressure suits and both were also placed in suits available in the factory from Bonded Stock in order to familiarize them initially with the pressure-suit environment since neither pilot had ever been in any type of pressure-suit garment before.

B. Additional Life-Support Items Discussed:

1. The Clark Company engineers feel that the redesigned prototype S1010 helmet will be ready for final pilot evaluation the last week of September 1972.

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2. A portable battery pack with recharger has been shipped to Detachment G to be used to provide visor-face heat in transporting pilots from the P.E. section to the aircraft.

3. An autoclave has been ordered from the depot to be used in the development of a new polycarbonate visor.

4. A new vent garment has been fabricated and sent to Detachment G for use with the low-flight harness. This device will assist in cooling during low-flight and will mate successfully with the aircraft pressure-suit vent connections.

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CONCURRENCE AND OR COMMENTS

[Redacted]

C/AMS/OSA

Date

31 Aug 72

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[Redacted] (31 Aug 72)

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